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PRODUCTION OF DEODORANT TEXTILE PRODUCT

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Applicant(s): TOYOBO CO. LTD.
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Abstract

PURPOSE: To obtain the title textile product of high durability with effectively deodorized by treating the original textile product with an aqueous solution containing a polyphenol derived from polycondensation of a flavone derivative and a specific alkylene glycol.

CONSTITUTION: A textile product such as of natural, regenerated, semi-synthetic or synthetic fiber is treated with an aqueous solution containing (A) 0.1-20wt.% based on the weight of the textile fiber, of a polyphenol (e.g., extracted from astringent persimmon) derived from polycondensation of a flavone derivative and (B) 0.01-10wt.% (as the concentration) of a 2-8C alkylene glycol (e.g., propylene glycol) to effect adequate adherence of said polyphenol to the interior or the surface of the fiber, thus obtaining the objective deodorant textile produce of high durability.

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